

ORDER FOR SUPPLIES OR SERVICES										PAGE 1 OF 38			
1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N00039-11-D-0030			2. DELIVERY ORDER/ CALL NO. 5059		3. DATE OF ORDER/ CALL (YYYYMMDD) 2015 May 28		4. REQ./ PURCH. REQUEST NO. 1300498897		5. PRIORITY				
6. ISSUED BY US NAVY SPAWARSSYSCEN ATLANTIC CHARLESTON PO BOX 190022 CHARLESTON SC 29419-9022			CODE N65236		7. ADMINISTERED BY (if other than 6) DCMA HAMPTON 2000 ENTERPRISE PARKWAY SUITE 200 HAMPTON VA 23666			CODE S5111A SCD: C			8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule if other)		
9. CONTRACTOR AMSEC LLC GOVERNMENT REPRESENTATIVE NAME AND ADDRESS 2829 GUARDIAN LANE VIRGINIA BEACH VA 23452			CODE 1LT84		FACILITY		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED				
							12. DISCOUNT TERMS						
13. MAIL INVOICES TO THE ADDRESS IN BLOCK WAWF APPLIES													
14. SHIP TO SEE SCHEDULE			CODE		15. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER SOUTH ENTITLEMENT OPS PO BOX 182264 COLUMBUS OH 43218-2264			CODE HQ0338		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.			
16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.										
	PURCHASE		Reference your quote dated Furnish the following on terms specified herein. REF:										
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.													
NAME OF CONTRACTOR			SIGNATURE			TYPED NAME AND TITLE			DATE SIGNED (YYYYMMDD)				
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:													
17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE See Schedule													
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/ SERVICES				20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT		22. UNIT PRICE		23. AMOUNT	
		SEE SCHEDULE											
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.						24. UNITED STATES OF AMERICA TEL: 843-218-3578 EMAIL: elizabeth.norris@navy.mil BY: ELIZABETH A. NORRIS		(b)(6)		25. TOTAL \$3,495,918.39		26. DIFFERENCES	
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED													
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE					
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28. SHIP NO.		29. DO VOUCHER NO.		30. INITIALS			
f. TELEPHONE NUMBER			g. E-MAIL ADDRESS			<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR			
36. I certify this account is correct and proper for payment.						31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				34. CHECK NUMBER			
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER								35. BILL OF LADING NO.			
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS				41. S/R ACCOUNT NO.		42. S/R VOUCHER NO.	

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1006			Lot		NSP
	CDRLFFP				
	Contract Data Requirements List (DD1423)FOB: Destination				
					<hr/>
NET AMT					\$0.00

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
1008		UNDEFINED	Lot	UNDEFINED	\$3,495,918.39

Services IAW the SOWFPI

FOB: Destination

PURCHASE REQUEST NUMBER: 1300498897

TARGET COST	(b)(4)
TARGET PROFIT	(b)(4)
TOTAL TARGET PRICE	\$3,495,918.39
CEILING PRICE	(b)(4)
SHARE RATIO ABOVE TARGET	50/50
SHARE RATIO BELOW TARGET	50/50

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100801			Lot		\$0.00

Services IAW the SOWFPI

FOB: Destination

PURCHASE REQUEST NUMBER: 1300498897

TARGET COST	\$0.00
TARGET PROFIT	\$0.00
TOTAL TARGET PRICE	\$0.00
CEILING PRICE	\$0.00
SHARE RATIO ABOVE TARGET	
SHARE RATIO BELOW TARGET	

ACRN AA CIN: 130049889700001 \$3,495,918.39

VERBAL

This award takes the place of verbal authorization given on 28 May 2015.

B-100

B-100 PAYMENT OF INCENTIVE FEE – FPI (CLINs 1008)

The target cost, target profit, and target price contemplated by the contract clause entitled, "Incentive Price Revision- Firm Target," are set forth below. The contract line items subject to price revision, ceiling price, and the profit adjustment formula are set forth in 52.216-16.

CLIN 1008

TARGET COST (Exclusive of Fee): (b)(4)

TARGET PROFIT: (b)(4)

TARGET PRICE: \$3,495,918.39 (Target Cost plus Target Fee)

CEILING PRICE: (b)(4) (Not to Exceed (b)(4) of Target Cost)

SHARE RATIO: 50/50 (Government/Contractor) below Target Cost
50/50 (Government/Contractor) above Target Cost

(End of Clause)

Section C - Descriptions and Specifications

PWS

**PERFORMANCE WORK STATEMENT
FIXED PRICE INCENTIVE (FIRM
TARGET)**

SHORT TITLE: Installation and SOVT Support of C4I Installations Onboard (b)(7)(e)

1. SCOPE

This performance-based effort encompasses a full range of C4ISR installation support services onboard the (b)(7)(e) Installation of the following systems is required:

a. PLACES OF PERFORMANCE

- (1) Onboard (b)(7)(e)
- (2) Portsmouth Naval Shipyard (PNS), Kittery, ME
- (3) NAVSUBASE New London, Groton, CT
- (4) Contractor's Facilities
- (5) Charleston, SC

b. SCHEDULE OF REQUIRED SYSTEMS

Ship	System	TID	Install	SOVT
(b)(7)(e)	SHIPALT 4365.01K R1, SUBLAN Grade-A, CSES HM&E	131232	(b)(7)e	
	SHIPALT 4365.02K, SUBLAN Grade-A, HW	131231		
	SHIPALT 4642KP, NTCSS Viking Back-Fit	100548		
	SHIPALT 4697KP, CSRR INC 1 V0/1/2/3	119040		
	SHIPALT 4733KP, ADNS INC III	119205		
	SHIPALT 4737KP, Crypto Universal Enclosure (CUE)	120199		
	SHIPALT 4762KP, SUBLAN PPMC (*Equipment Loadout Period)	132483		
	SHIPALT 4763KP, CANES HW V0 (*Equipment Loadout Period)	143482		
	EC-01, ADNS INC III EOL Router Replacement	133153		
	EC-01, KW-46 MOD/V2.6 Upgrade	133142		
	EC-02 R1, SLVR HW and SW V4.0.0 Upgrade	120612		
	EC-04 R1, EHF Cipher Text Tip	119135		
	EC-06R1, RFDACS L1.1.0.0 Upgrade	133869		

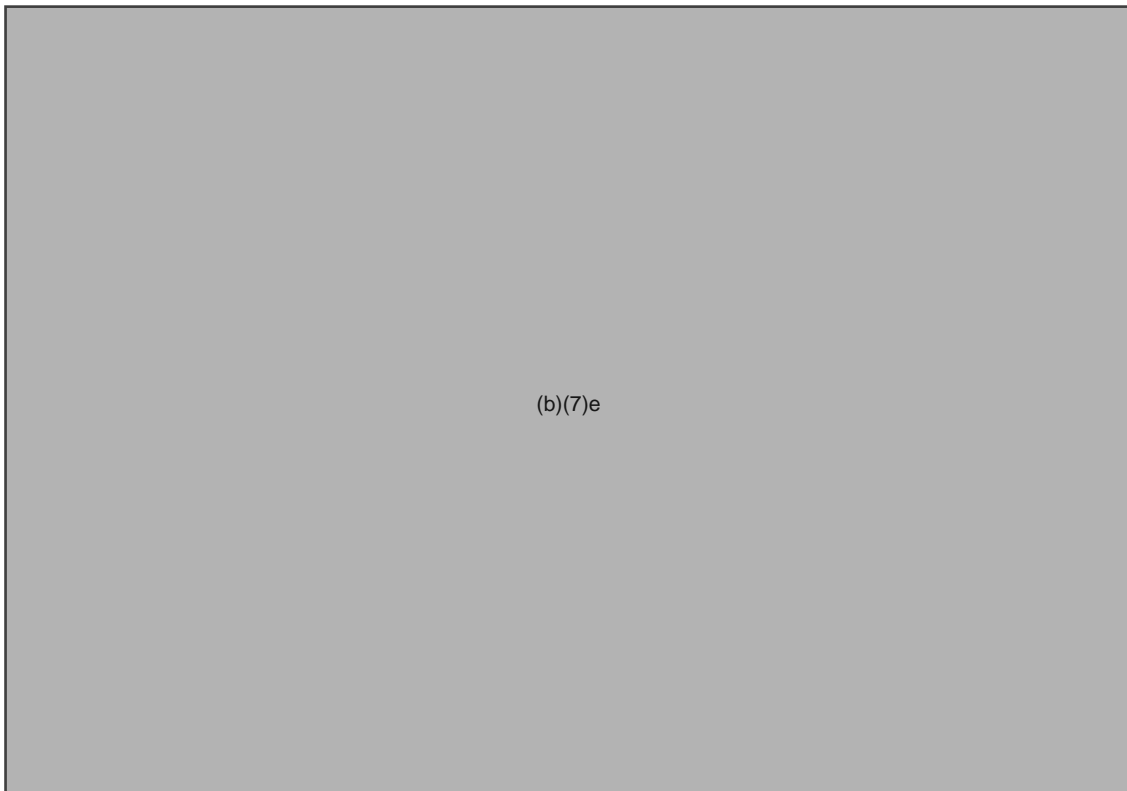
(b)(7)(e)	EC-22 R2, CSRR HM&E Cabling/Equipment	133141	(b)(7)e
	EC-25 R1, CSRR Cross Domain Message Transfer	138115	
	EC-26, CSRR ADNS SP2 Router Replacement	133151	
	EC-29 R1, CSRR RFDACS EOL Upgrades	133147	
	EC-30, CSRR KW-46M Upgrade	133155	

Note: All installation dates specified in this PWS are subject to change. The Government will notify the contractor of any new schedule releases for installation and GFE/GFM deliveries.

Multiple shifts can be accommodated and is recommended.

CSRR GFM Production Kit Inspection period is TBD and will be identified to the KTR during the post-award conference meeting.

Note: Please refer to para 3.3.1 “Pre-Installation” for additional information.



Dates and duration of the Project milestone/key event schedule may be subject to change.
CSRR kit inspections/delivery dates are subject to change.

The Contractor must be able to provide sufficient technical expertise, services and materials as necessary to effectively and efficiently install and verify operation in order to provide fully functional systems listed in this PWS.

During performance, the use of web-enabled tools for management will be maximized including status reporting, financial reporting, task order management, and task order modifications. This will be accomplished via posting to the Regional Installation Management Office (IMO) web-enabled database. To the maximum extent practical, all

deliverables under this contract shall be delivered in formats compatible with the latest NMCI Gold Disk applications.

The technical representative assisting the contracting officer (KO) in the administration of the whole contract is the Contracting Officer's Representative (COR) who has no contractual authority to obligate the government. The Contractor is warned that only the Ordering Officer (or other designated Contracting Officer) has the authority to obligate the government and make changes to this task order. No other government personnel have such authority.

2. REFERENCES

In addition to Applicable Documents identified in tables 4, 5 and 6 of the basic contract Statement of Work, the contractor shall perform tasks in accordance with following references:

- a. NAVSEA Standard Items (Basic Contract)
- b. SHIPALT Installation Drawings (SIDs), and Engineering Changes (ECs), (Para 5.1.1), approved Liaison Action Requests (LARs); and PARM Liaison Action Requests (PLARs) (Para 5.1.3).
- c. NAVSEA Instruction 9304.1D, Shipboard Electrical Cable and Cableway Inspection and Reporting Procedures
- d. MA-RMCINST 4790.3 Mid-Atlantic Regional Maintenance and Modernization Coordination Office, Structure, Policies and Procedures
- e. COMFLTFORCOMINST 4790.3, Joint Fleet Maintenance Manual
- f. NAVSEA SL720-AA-MAN-010/FMP, Fleet Modernization Program (FMP) Management and Operations Manual.
- g. OPNAV Instruction 4790.4D, Ships' Maintenance and Material Management (3-M) Manual
- h. Charleston Installation Management Office (IMO)/Quality Assurance Office (QAO), Supplier Installation Performance Audit Checklist (SIPAC)
- i. NAVSEA S9086-KC-STM-010, NSTM Chapter 300-Electric Plant-General
- j. NAVSEA 0924-062-0010, Submarine Safety (SUBSAFE) Requirements Manual
- k. NAVSEA 0941-041-3010, Submarine Safety (SUBSAFE) Design Review Procedures Manual

3. PERFORMANCE REQUIREMENTS (Appropriation type: NWCF)

The requirements of paragraph 3 are summarized in the following table:

Ship/System	TID	PICO	H/W Install	S/W Load	SOVT	SOVT SPT	Train	Remarks
(b)(7)(e)								
SHIPALT 4365.01K R1, SUBLAN Grade-A, CSES HM&E	131232		X			X		Notes 1 and 7
SHIPALT 4365.02K, SUBLAN Grade-A, HW	131231		X			X		Notes 1 and 7
SHIPALT 4642KP, NTCSS Viking Back-Fit	100548		X			X		Note 1
SHIPALT 4697KP, CSRR INC 1 V0/1/2/3	119040		X			X		Notes 1 and 2
SHIPALT 4733KP, ADNS INC III	119205		X			X		Notes 1, 3 and 8
SHIPALT 4737KP, Crypto Universal Enclosure (CUE)	120199		X			X		Notes 1 and 3
SHIPALT 4762KP, SUBLAN PPMC	132483		X			X		Notes 1 and 7

SHIPALT 4763KP, CANES HW V0	143482		X			X		Note 1
EC-01, ADNS INC III EOL Router Replacement	133153		X			X		Notes 1, 3, 4 and 8
EC-01, KW-46 MOD/V2.6 Upgrade	133142		X			X		Notes 1 and 5
EC-02 R1, SLVR HW and SW V4.0.0 Upgrade	120612		X			X		Notes 1, 3 and 6
EC-04 R1, EHF Cipher Text Tip	119135		X			X		Notes 1 and 3
EC-06 R1, RFDACS L1.1.0.0 Upgrade	133869		X			X		Notes 1, 3 and 6
EC-22 R2, CSRR HM&E Cabling / Equipment	133141		X			X		Notes 1 and 6
EC-25 R1, CSRR Cross Domain Message Transfer (CDMT)	138115		X			X		Notes 1, 3 and 6
EC-26, CSRR ADNS SP2 Router Replacement	133151		X			X		Notes 1, 3, 6 and 8
EC-29 R1, CSRR RFDACS EOL Upgrades	133147		X			X		Notes 1, 3 and 6
EC-30, CSRR KW-46M Upgrade	133155		X			X		Notes 1, 3 and 6

- Notes:
1. Dedicated technicians shall be readily available at all times and at a moment's notice when called upon by the OSIC or SME, to provide SOVT Support during the SOVT period.
 2. Radio Room deck will need to be restored to original condition after Production work is complete.
 3. Refer to SHIPALT 4697KP DWGS for cabling external to the Participating Area Resource Management (PARM) boundary and EC-22 R2 for additional clarification inside PARM Boundary.
 4. Installation linked to TID #119205. Apply all proposals and financials to parent TID #119205.
 5. Installation linked to TID #120199. Apply all proposals and financials to parent TID #120199.
 6. Installation linked to TID #119040. Apply all proposals and financials to parent TID #119040.
 7. **SUBSAFE impact statement:** This alteration has SUBSAFE requirements. KTR shall refer to the SHIPALT Installation Drawing (SID) for details. KTR shall perform and complete all applicable SUBSAFE requirements for this tasking and shall include all associated costs in the KTR proposal.
Note: SUBSAFE required work for this tasking *does not* include the areas located within a Nuclear Interface Boundary or Radiological Controlled (RADCON) area. Coordination for accomplishment of these locations will be the responsibility of the government.
 8. Alterations or Engineering Changes referencing this note requires SCI/SI testing to be accomplished as part of the SOVT. In some cases, this cannot be performed within the shipyard environment and can only be accomplished at the discretion of the ship or shipyard. Accomplishment of the SCI/SI testing may be deferred to the ship's home-ported location. In this case, the KTR shall provide SOVT support at the ship's home-ported location and shall include any associated costs submitted via the CORN process and only on an as required basis.

3.1 GENERAL REQUIREMENTS

- a. All efforts under this Task Order shall be in conformance with the requirements of the Basic Contract.
- b. Comply with all requirements for Alteration Installation Teams (AITs) as established by basic contract.
- c. Comply with the General Requirements of Standard Item 009-01.
- d. Comply with the Quality Management System requirements of Standard Item 009-04.
- e. Maintain work area cleanliness in accordance with Standard Item 009-06.
- f. Comply with the Government Property Control requirements of Standard Item 009-20.
- g. Comply with the Work Authorization Control requirements of Standard Item 009-24.

- h. Comply with the Occupational Safety and Health requirements of Standard Item 009-74, and 29 CFR Part 1915.
- i. Develop a QA Workbook in accordance with NAVSEA Tech Spec 9090-310(g), para. H-3.11.1.5, and submit to SSC LANT QA Office for review not later than 5 days prior to commencing work. A separate QA Workbook shall be provided for each ship(s), with separate Test and Inspection Plan (Section 6) and separate Test Records (Section 7) developed and maintained for each system.
- j. Provide electronic deliverables in formats compatible with the latest NMCI Gold Disk applications.
- k. Within one week of award, provide a detailed POA&M that provides breakdown of contractor work being accomplished in a sequence of events, space locations, and relationships with other task that provides time requirements. This POA&M will be updated weekly and provided to the COR and OSIC in support of the weekly progress meetings and to the contractor team lead for inclusion in the T&I books.
- l. All tasks will be performed within the availability window listed in paragraph 1.b. Specific dates within that window shall be coordinated with the On-Site Installation Coordinator (OSIC) identified for the platform.
- m. The PLAR cut-off date for CSRR kit incorporation is 31 December 2014. For PLARs approved after this cut-off date, the contractor shall be responsible for incorporating PLAR changes into the kit and shall procure all required materials.
- n. Comply with Shipboard Electrical Safety Requirements as outlined in NAVSEA S9086-KC-STM-010, NSTM Chapter 300-Electric Plant-General; Reference (i) above.
- o. The contractor shall plan for Ship's normal configuration with all Ship's equipment installed while performing this task. Any existing interferences such as equipment, lockers, piping, ventilation, etc. required for removal and reinstallation shall be identified and included in the contractor's proposal.

3.2 ALTERATIONS:

- a. SHIPALT 4365.01K R1, SUBLAN Grade-A, CSES HM&E:
 - 1. Accomplish the installation onboard (b)(7)(e) IAW applicable NAVSEA Dwgs in Section 5.1.1.
- b. SHIPALT 4365.02K, SUBLAN Grade-A, HW:
 - 1. Accomplish the installation onboard (b)(7)(e) IAW applicable NAVSEA Dwgs in Section 5.1.1.
- c. SHIPALT 4642KP, NTCSS Viking Back-Fit:
 - 1. Accomplish the installation onboard (b)(7)(e) IAW applicable NAVSEA Dwgs in Section 5.1.1.
- d. SHIPALT 4697KP, CSRR INC 1 V0/1/2/3:
 - 1. Accomplish the installation onboard (b)(7)(e) IAW applicable NAVSEA Dwgs in Section 5.1.1.
- e. SHIPALT 4733KP, ADNS INC III:
 - 1. Accomplish the installation onboard (b)(7)(e) IAW applicable NAVSEA Dwgs in Section 5.1.1.
- f. SHIPALT 4737KP, Crypto Universal Enclosure (CUE):
 - 1. Accomplish the installation onboard (b)(7)(e) IAW applicable NAVSEA Dwgs in Section 5.1.1.
- g. SHIPALT 4762KP, SUBLAN PPMC:
 - 1. Accomplish the installation onboard (b)(7)(e) IAW applicable NAVSEA Dwgs in Section 5.1.1.
- h. SHIPALT 4763KP, CANES HW V0:
 - 1. Accomplish the installation onboard (b)(7)(e) IAW applicable NAVSEA Dwgs in Section 5.1.1.
- i. EC-01, ADNS INC III EOL Router Replacement:
 - 1. Accomplish the installation onboard (b)(7)(e) IAW applicable ECO in Section 5.1.1.
- j. EC-01, KW-46 MOD/V2.6 Upgrade:
 - 1. Accomplish the installation onboard (b)(7)(e) IAW applicable ECO in Section 5.1.1.
- k. EC-02 R1, SLVR HW and SW V4.0.0 Upgrade:

1. Accomplish the installation onboard (b)(7)(e) IAW applicable ECO in Section 5.1.1.
- l. EC-04 R1, EHF Cipher Text Tip:
 1. Accomplish the installation onboard (b)(7)(e) IAW applicable ECO in Section 5.1.1.
- m. EC-06 R1, RFDACS L1.1.0.0 Upgrade:
 1. Accomplish the installation onboard USS ANNAPOLIS IAW applicable ECO in Section 5.1.1.
- n. EC-22 R2, CSRR HM&E Cabling/Equipment:
 1. Accomplish the installation onboard (b)(7)(e) IAW applicable ECO in Section 5.1.1.
- o. EC-25 R1, CSRR Cross Domain Message Transfer (CDMT):
 1. Accomplish the installation onboard (b)(7)(e) IAW applicable ECO in Section 5.1.1.
- p. EC-26, CSRR ADNS SP2 Router Replacement:
 1. Accomplish the installation onboard (b)(7)(e) IAW applicable ECO in Section 5.1.1.
- q. EC-29 R1, CSRR RFDACS EOL Upgrades:
 1. Accomplish the installation onboard (b)(7)(e) IAW applicable ECO in Section 5.1.1.
- r. EC-30, CSRR KW-46M Upgrade:
 1. Accomplish the installation onboard (b)(7)(e) IAW applicable ECO in Section 5.1.1.

3.3 PRE-INSTALLATION

- a. An installation planning meeting will be held with the AIT Manager and Onsite Installation Coordinator within two working days of Task Order authorization.
- b. Memorandum of Agreement (MOA):
 1. KTR shall review the draft MOA or MOA template provided as Government Furnished Information (GFI). The MOA may include either the SUBSAFE, Non-SUBSAFE or both, as required per the tasking. The latest draft SUBSAFE/Non-SUBSAFE MOA/s will be provided during the post-award conference or emailed to the KTR as required.
 2. For the Non-SUBSAFE MOA: The KTR shall review and provide comments back to the government. Review period will be five (5) business days, commencing the next business day after the post-award conference. Dependent upon the completeness of the Non-SUBSAFE MOA, the KTR shall sign the final Non-SUBSAFE MOA. Any substantial MOA change requirements during the review period will add an additional three (3) business days to the review cycle, not to exceed a total of ten (10) business days to complete the review/signature period.
 3. For the SUBSAFE MOA: The contractor shall confirm in their technical approach/proposal that the KTR and/or Sub-KTR will review, provide comments and sign the final SUBSAFE MOA within thirty (30) business days after the post-award conference. Any substantial MOA change requirements during the review period will add an additional three (3) business days to the review cycle, not to exceed a total of forty-five (45) business days to complete the review/signature period.
 4. The anticipated due dates for the SUBSAFE/Non-SUBSAFE MOAs will be determined during the post-award conference. The intent of the MOA review/signature period is to gain the KTR understanding, acknowledgement and agreement to the working conditions and requirements of the specified MOA.
 5. KTR shall deliver the KTR signed MOA/s to the government as applicable IAW CDRL A009, Attachment 1, paragraph "o".
- c. Accomplish sampling and analysis for hazardous material (chromium, cadmium, and lead) in accordance with the requirements of NAVSEA STD Item 009-03. Note: Abatement, if required, shall be documented by CORN(s).
- d. Develop an Installation Plan of Actions and Milestones (POA&M) based on the installation schedule. POA&M shall be developed and delivered within one week of task award.
- e. Receive and inventory government furnished material and equipment ensuring proper Quality Assurance (QA) and material management. Any discrepancies shall be reported to the Onsite Installation Coordinator via e-mail within 48 hours of discovery.
- f. Perform inspections, testing, and/or assembly to the maximum extent practicable, to facilitate the installation schedule.

- g. Stage the combined SHIPALT and Engineering Change (EC) Installation Material Kits/Tools for shipment to the job site to meet installation schedule.
- h. A company representative shall accompany the Onsite Installation Coordinator during the shipboard in-brief.
- i. Perform shipchecks to validate the information provided in the Installation Drawings. Complete and provide the shipcheck report (CDRL A003).
- j. Procure all material identified as CFM/CFE on SHIPALT and EC Installation Drawings. All material shall be suitable for U.S. Naval submarine installations.
- k. Contractor shall schedule and participate in all NSA/LMA required training (6010, HAZMAT, RADCON, Fire Watch, etc...) prior to commencing work.
- l. KTR shall perform a kit inspection of EC-22 R2 (CSRR HM&E Cabling/Equipment) and CSRR related Engineering Changes (EC), as identified in paragraph 1.b. The kit inspection/inventory shall be accomplished prior to the scheduled kit shipment date. Inspection shall take place at the designated CSRR Production Facility as identified by the SSC LANT government representative, located at Joint Base Charleston. Specific location will be provided via separate correspondence by the SSC LANT government representative prior to the inspection period. KTR shall perform the inspection ensuring Quality Assurance (QA) and material management. KTR shall utilize the GFI installation drawings, EC and applicable shipping documents during kit inspection, to validate drawing requirements per the List of Material (LOM). KTR shall provide the necessary personnel required to complete the inspection in its entirety during the inspection period. KTR costs for labor categories and required man-hours shall be included in the KTR proposal for the inspection period. Upon completion of inspection, KTR shall provide a report (CDRL-A003), detailing any discovery of discrepancies identified and deliver to the Task Originator.

3.4 SITE PREPARATION

- a. Coordinate with the Onsite Installation Coordinator in identifying and requesting a work site staging area.
- b. Contractor shall propose and identify to SSC Atlantic any on-site trailers or work facilities that will be required in support of this task.

3.5 PRE-INSTALLATION CHECKOUT (PICO) – N/A

3.6 INSTALLATION

- a. KTR shall perform all applicable SUBSAFE work as identified in paragraph 3.0.
- b. Coordinate all management efforts required to complete the systems installation. Efforts are to include:
 - 1. Submit all visit/clearance information.
 - 2. Obtain all required passes and badging.
 - 3. Obtain all required work authorizations and permits.
 - 4. Submit HAZMAT handling requests.
 - 5. Coordinate material handling with the yard/base facility.
 - 6. Coordinate all Sub-contracting and Pre-Fabrication requirements.
 - 7. Provide financial, scheduling, and performance tracking.
 - 8. Attend production review meetings with the Onsite Installation Coordinator or as the Onsite Installation Coordinator's representative in their absence. A written report shall be provided for each meeting.
 - 9. Complete Reservation Task Requests (RTRs) 24 to 48 hours in advance of requirements to SUPSHIP RTR Coordinator. At a minimum the request will specify the type of welding, aluminum, steel, TIG/MIG and level of qualification required, and the number of firewatches.
- c. Provide the OSIC with information for preparation of Liaison Action Requests (LAR) and PARM Liaison Action Requests (PLAR), when required. If work is delayed pending LAR/PLAR approval the OSIC and AIT Manager shall be notified and a CORN submitted.
- d. Accomplish Isolation and Tag-outs.
- e. Protect ships equipment, components, and spaces during contamination-producing operations. f. Remove and reinstall interference items.
- g. Remove material and equipment marked as "Remove" or "Relocate" on SHIPALT Installation Drawings (SIDs) and ECs as applicable.

- (1) Inventory material permanently removed from the ship and document transfer on DD Form 1149.
 - (2) Dispose of material as directed by the Ship's Change Document.
- h. Install systems and equipment in accordance with appropriate references and standards identified in tables 4, 5 and 6 of the basic contract Statement of Work and Attachments 1 and 3 of this document.
- i. Use Process Control Procedures (PCP) for all work items that indicate (V), (I), or (G) inspection requirements.
- j. Install foundations, sway braces, metal work, decking, equipment mounts, piping, and support structure. k. Restore disturbed passageways, equipment rooms, compartments, bulkheads, decks, foundations, piping, etc.
- l. Install equipment labels and cable tags.
- m. Submit Change Order Request Notification (CORNs) via the IMO Tracker (SPIDER) within 48 hours of discovery of any condition that impacts cost or schedule. Include a description of the condition, an assessment of its impact on the installation, recommended corrective action, and an estimate of the cost to correct.
- n. All removed items (ie. equipment, components, breakers, etc...) will be tagged (unit description, Alteration associated with and location removed from), and made available for visual inspection by the host activity prior to shipping/disposal. Note: Structural and fabricated items such as racks, foundations, base plates, connectors, mounting hardware, cable and harness do not need to be identified in this manner.
- o. Contractor will cover equipment with protective material as required to prevent accidental damage from the industrial work in progress (i.e. mounted PCs, monitors, equipment in racks, etc...). In addition, material will be bagged and tagged as appropriate to prevent foreign material contamination (piping) and/or identify work in progress (cables awaiting termination and connecting). Material tagged will at a minimum contain POC, alteration associated with, anticipated completion date, and a note stating that work on this material is ongoing.
- p. Equipment or material removed and required for the ISEA to perform modifications, upgrades or reutilization, shall be shipped back to the ISEA immediately upon removal from the ship. Contractor shall maintain and provide copies of all shipping documentation to the Government upon completion. Contractor shall coordinate this effort with the OSIC.
- q. Review, verify, and "redline" the "affected areas" on provided SIDs and deliver to the OSIC IAW CDRL A005, Attachment 1, paragraph "h".
- r. Review, verify, and "redline" the "affected areas" on provided CSRR PARMALT drawings (specified in paragraphs 5.1.1.14 through 5.1.1.18) and deliver to the OSIC IAW CDRL A005, Attachment 1, paragraph "i".
- s. Review, verify, and "redline" the "affected areas" on provided Selected Record Drawings (SRD). Deliver to the OSIC IAW CDRL A005, Attachment 1, paragraph "j".

3.7 POST INSTALLATION

- a. Provide OSIC with documentation of all equipment removed and all equipment installed in order to support entry into the CDMD-OA.
 - 1. Concurrent with the removal or installation of equipment, provide the AIT Manager a copy of the documentation of any/all equipment removed or installed.
 - 2. Documentation will include nomenclature, model number and serial number of all equipment removed or installed; A DD Form 1149 will be utilized to transfer custody of all installed and removed GFE.
- b. Provide Task Order Closeout report.

3.8 SOVT

- a. Prior to commencing system/s light-off, ensure all new or modified cabling has been properly tested and correctly connected, and that all new/existing equipment either relocated or disturbed is properly mounted, grounded, and all QA Check-Points have been completed. This is to ensure that any issues are identified and resolved prior to requesting site representatives for SOVT testing and energizing of equipment.
- b. Assist the government in researching solutions to issues or problems found during SOVT.
- c. Provide equipment removal and installation support and coordinate SOVT Support during SOVT efforts with the OSIC.

- d. Provide cable ring-out and troubleshooting services to assist the Subject Matter Expert (SME) during the SOVT.
- e. Correct deficiencies discovered during SOVT.
- f. Report major discrepancies/deficiencies (requiring more than six hours to correct) immediately to the OSIC.
- g. Track installation discrepancies discovered during SOVT and obtain all required completion signatures in order to properly document repairs and QA Check-Points.
- h. Dedicated technicians shall be readily available at all times and at a moment's notice when called upon by the OSIC or SME, to provide SOVT Support during the SOVT period.

Note: Test equipment used for definitive measurements shall be calibrated in accordance with the company Quality Plan. A label or tag shall be affixed to each instrument indicating the calibration status.

3.9 TRAINING – N/A

4. INFORMATION ASSURANCE (IA)

Information Assurance (IA) Requirements: DoD 8570.01-M and Defense Federal Acquisition Regulation Supplement (DFARS) Procedures, Guidance and Information (PGI) 239.7102-3 have promulgated that Contractor personnel will have documented current Information Assurance certification status within their contract. The Contractor shall ensure that personnel accessing information systems have the proper and current IA certification to perform IA functions in accordance with DoD 8570.01-M, Information Assurance Workforce Improvement Program. The Contractor shall meet applicable information assurance certification requirements, including (a) DoD-approved IA workforce certifications appropriate for each specified category and level and (b) appropriate operating system certification for information assurance technical positions as required by DoD 8570.01-M. Contractor personnel who do not have proper and current certifications shall be denied access to DoD information systems for the purpose of performing information assurance functions. The contractor shall provide documentation supporting the information assurance certification status of personnel performing information assurance functions, reporting current IA certification status and compliance using CDRL Contractor Roster, DI-MGMT-81596 in the format prescribed by the COR. This information to be provided as part of the Monthly Report, identified as Attachment (M) of the SE II Global Installation Multiple Award Contract User's Guide

5. GOVERNMENT FURNISHED INFORMATION/MATERIAL

Only the material/equipment listed in the quantity shown as indicated on the approved installation documents or as listed in this PWS, shall be furnished by the government. All other material/equipment required in the performance of the tasks shall be furnished by the contractor. The contractor shall be in compliance with the basic contract for the care and keeping of all Government Furnished Material (GFM) which is transferred under this task order. All material/equipment not used shall be returned to the government at the end of the task.

5.1 Government Furnished Information (GFI):

5.1.1. Drawings

****Note: All IAF materials depicted on or in installation drawings will be considered Contractor Acquired Material/Information unless otherwise stated in this PWS.**

1. **SHIPALT 4365.01K R1, SUBLAN Grade-A, CSES HM&E:**
 - a. SAR SSN 688, 4365.01KP, Instl Grade "A" SUBLAN, CSES.
 - b. 501-8207693 REV (A), S/A 4365.01KP-SSN688CL, Ventilation Mod to Install Grade A SUBLAN.
 - c. 516-8208781 REV (-), SHIPALT SSN4365.01KP, SSN688CL, EAFW Cooling System Diagram Mod to Suit Grade A SUBLAN.
 - d. 516-8208782 REV (-), SHIPALT SSN4365.01KP, SSN688CL, EAFW Cooling System-PP ARR

Mod to Suit Grade A SUBLAN.

- e. 516-8208783 REV (-), SHIPALT SSN4365.01KP, SSN688CL, EAFW Cooling System HGRS, Label Plates & PP Details to Suit Grade A SUBLAN.
- f. 113-8209024 REV (-), SHIPALT 4365.01KP-688 Class, R/O & Instl of Fdns & Struct for Grade A SUBLAN.
- g. 613-8208422 REV (-), S/A SSN4365# -SSN688CL, Grade A SUBLAN Ripout Cabling Diagram & Details.
- h. 613-8208424 REV (-), S/A SSN4365.02KP-SSN688CL, Grade A SUBLAN Installation Wiring Tables & Cable Charts.
- i. 608-8208434 REV (-), SHIPALT 4365.01KP-SSN688CL, Locker, Stowage & Misc Ripout to Support Grade A SUBLAN Increment 1.
- j. 401-8207016 REV (-), S/A SSN4365.01KP, SSN688CL, SP TEL Matrix Mod to SPRT Grade A SUBLAN Rack Pre-Install.
- k. 445-8207031 REV (B), S/A 4365.01KP, SSN688CL, BSY-1 Arrangement Mods to Prepare for Installation of Grade A SUBLAN.
- l. 302-8207035 REV (A), S/A SSN4365.01KP, SSN688CL, Cable Routing and Wireway Mods to Support SUBLAN Grade A Installation.
- m. 302-8207036 REV (B), S/A SSN4365.01KP, SSN688CL, Power Mods to Support Installation of Grade A SUBLAN.
- n. 401-8207159 REV (B), S/A SSN4365.01KP, SSN688CL, Type Mounts MISC Electrical Equipment to PREP for Grade A SUBLAN.

2. SHIPALT 4365.02K, SUBLAN Grade-A, HW:

- a. SAR SSN 688, 4365.02KP, Instl Grade "A" SUBLAN, Equip.
- b. 613-8206658 REV (-), S/A SSN4364.02KP-SSN688CL, Miscellaneous Details to Support SUBLAN Grade A Installation.
- c. 301-8206659 REV (-), S/A 4364.02KP-SSN688CL, Power Distribution Unit to Support SUBLAN Grade A Installation.
- d. 516-8207300 REV (A), SHIPALT SSN4365.02KP-SSN688CL, EAFW Cooling System Diagram Mod to Suit Grade A SUBLAN.
- e. 516-8207301 REV (A), SHIPALT SSN4365.02KP-SSN688CL, EAFW Cooling System PP Arr Mod & Details to Suit Grade A SUBLAN in CSES.
- f. 345-8207903 REV (B), S/A4700KP*, S/A4365.02KP*-SSN688CL, Misc Engine Room Mods to Sprt SUBLAN Ancillary Upgrades.
- g. 302-8208420 REV (A), S/A 4365.02KP-SSN688CL, Power Mods to Support Installation of Grade A SUBLAN.
- h. 613-8208422 REV (-), S/A SSN4365#-SSN688CL, Grade A SUBLAN Ripout Cabling Diagram & Details.
- i. 613-8208423 REV (-), S/A SSN4365#-SSN688CL, Grade A SUBLAN Installation Cabling Diagram & Details.
- j. 613-8208424 REV (-), S/A SSN4365.02KP-SSN688CL, Grade A SUBLAN Installation Wiring Tables & Cable Charts.
- k. 345-8208425 REV (A), S/A SSN4365.02KP-SSN688CL, Misc Elec Eqpt Arr for Grade A SUBLAN-1st PLATF.
- l. 345-8208426 REV (A), S/A4365.02KP-SSN688I CLA, Misc Electrical Equipment Arrangement for Grade A SUBLAN-2nd Platform.
- m. 345-8208427 REV (A), S/A SSN4365.02KP-SSN688CL, Misc Elec Eqpt Arr for Grade A SUBLAN-3rd Platf.
- n. 401-8208428 REV (A), S/A SSN4365.02KP-SSN688CL, Type Mounts Misc Elec Eqpt for Grade A SUBLAN-1st Platf.
- o. 401-8208429 REV (A), S/A4365.02KP-SSN688I CL, Type Mounts MISC ELECT Equipment for Grade A SUBLAN-2nd Platform.
- p. 401-8208430 REV (A), S/A SSN4365.02KP-SSN688CL, Type Mounts Misc Elect Eqpt for Grade A SUBLAN-3rd Platf.
- q. 608-8208436 REV (-), S/A 4365.02KP-SSN688CL, Lockers, Stowage & Misc Ripout to Support Grade A SUBLAN Increment 2.

- r. 608-8208437 REV (-), SHIPALT 4365.02KP-SSN688CL, Lockers, Stowage & Misc Installations to Support Grade A SUBLAN Increment 2.
 - s. 302-8208439 REV (-), S/A SSN4365.02KP-SSN688CL Cable Routing, WW & BHD 62 Penetration MODS to Support SUBLAN Grade A Installation.
 - t. 613-8208509 REV (-), S/A SSN4365#-SSN688CL, Grade A SUBLAN Label Plates and Miscellaneous Details.
 - u. 113-8209025 REV (-), S/A SSN4365.02KP-SSN688CL, R/O & Instl of Fdns & Struct for Grade A SUBLAN.
- 3. SHIPALT 4642KP, NTCSS Viking Back-Fit:**
- a. SAR SSN 688, 4642KP, Install Viking Forward Fit.
 - b. 613-8207431 REV (-), S/A SSN4642KP - SSN688CL Network Mods for NTCSS Viking Back-Fit c. 302-8207444 REV (-), S/A SSN4642KP-SSN688CL Power Mods to Support Instl of Navy Tactical Command Support System (NTCSS) Viking Back-Fit
 - d. 345-8207445 REV (-), S/A SSN4642KP-SSN688CL Miscellaneous Electrical Equipment Arrangement for NTCSS Viking Back-Fit
- 4. SHIPALT 4697KP, CSRR INC 1 V0/1/2/3:**
- a. SAR SSN 688, 4697KP, CSRR INCR 1 VER 3 Install.
 - b. 113-8207926 REV A, SHIPALT 4697KP - SSN688 Class Ripout & Installation Fdns for Electrical Equipment for CSRR.
 - c. 501-8207811 REV (-), S/A SSN4697KP - SSN688CL Ventilation Partial Diagram to Install CSRR INC 01 VER 3.
 - d. 501-8207812 REV (-), S/A SSN4697KP SSN688CL Ventilation Mod to Install CSRR INC 01 VER 3.
 - e. 502-8207897 REV (-), S/A SSN4697KP SSN688CL Relocation of AC Control System Components to Suit CSRR INC 01 VER 3.
 - f. 302-8208413 REV A, S/A SSN4697KP - SSN 688CL Power Mods to Support Installation of CSRR.
 - g. 401-8207823 REV (-), S/A SSN4697KP - SSN 688CL Integrated Announcing System IC CKT "MC" Mod to Support INSTL of CSRR.
 - h. 401-8207851 REV (A), S/A SSN4697KP - SSN 688CL Mast Position Indicator System IC CKT K-EH & C-2ML Mod to Support INSTL of CSRR.
 - i. 401-8208131 REV (-), S/A SSN4697KP - SSN 688CL IC CKTS "HI-FI", "SE" & "SITE 200" Mod to Support INSTL of CSRR.
 - j. 425-8207842 REV (-), S/A SSN4697KP - SSN 688CL Periscope System Ripout and Instl CAD to Support CSRR.
 - k. 413-8208133 REV (-), S/A SSN4697KP - SSN 688CL IC CKT "R-CS" System to Support INSTL of CSRR.
 - l. 409-8207832 REV (-), S/A SSN4697KP - SSN 688CL Communications System Ripout CAD to Support CSRR.
 - m. 409-8207833 REV (A), S/A SSN4697KP - SSN 688CL Communications System Instl CAD to Support CSRR.
 - n. 409-8207834 REV A, S/A SSN4697KP - SSN 688CL Communications System Wiring Table to Support CSRR.
 - o. 445-8207831 REV (-), S/A SSN4697KP - SSN 688CL Misc Arrangement Mods to Support CSRR.
 - p. 412-8207906 REV (-), S/A SSN4697KP - SSN688CL CKT R-SL R/O, INSTL & WT Mod to SPRT Installation of CSRR on AN/BSY-1 Ship.
 - q. 445-8207907 REV (A), S/A SSN4697KP - SSN 688CL MISC ARR Mods to Support CSRR Outside of Radio Room.
 - r. 404-8207941 REV (-), S/A SSN4697KP - SSN688CL ESM CKT R-CI Mod to Support CSRR - Installation & Ripout Cabling Diagram.
 - s. 404-8207942, REV (-), S/A SSN4697KP - SSN688CL ESM CKT R-CI Mod to Support CSRR - Installation Wiring Table.
 - t. 613-8207853 REV (-), S/A SSN4697KP - SSN688 CL SUBLAN 1 Mod to Support INSTL of

CSRR.

- u. 613-8208134 REV (-), S/A SSN4697KP - SSN688CL Pier System Mod to Support Installation of CSRR.
- v. 302-8207844 REV (A), S/A SSN4697KP - SSN688CL Cable Routing & Wireway Mods to Support CSRR Installation.
- w. 401-8207826 REV (-), S/A SSN4697KP - SSN688 Class Sound Powered Telephone System IC CKT "SJ" Mod to Support INSTL of CSRR.
- x. 401-8207827 REV (-), S/A SSN4697KP - SSN688CL SP TEL SYS IC CKT "2JX" & "E" Mod to SPRT INST of CSRR.
- y. 401-8208218 REV (-), S/A SSN4697KP - SSN688 CL Shore Telephone System IC CKT "J" Mod to Support INSTL of CSRR.
- z. 608-8207830 REV (-), SHIPALT 4697KP - SSN688 Class CSRR - Mods to Lockers & Stowages
- aa. NWG-8208367 REV A, SHIPALT 4697KP - SSN688 Class CSRR - Stud Welding Fixture for Racks.
- bb. 113-8207829 REV (A), SHIPALT 4697KP - SSN688 Class CSRR - Foundation & Structural Mods - 1st Platf.
- cc. 409-8207838 REV (-), S/A SSN4697KP - SSN688CL IFF System Ripout and Installation Cabling Diagram to Support CSRR.
- dd. 410-8207840 REV A, S/A SSN4697KP - SSN688CL Radio Navigation System Ripout and Instl CAD to Support CSRR.

5. SHIPALT 4733KP, ADNS INC III:

- a. SAR SSN688, 4733KP, Install ADNS Increment III.
- b. SIDLess SAR. Refer to the SAR, EC-22 R2 and SHIPALT 4697KP for accomplishment of this alteration.

6. SHIPALT 4737KP, CRYPTO Universal Enclosure (CUE):

- a. SAR SSN688, 4733KP, Cryptographic Universal ENCL.
- b. SIDLess SAR. Refer to the SAR, EC-22 R2 and SHIPALT 4697KP for accomplishment of this alteration.

7. SHIPALT 4762KP, SUBLAN PPMC:

- a. SAR SSN688, 4762KP, PPMC
- b. 113-8209026 REV (-), SHIPALT 4762KP - SSN688CL R/O 7 Instl of Fdns & Struct for SUBLAN PPMC.
- c. 302-8209029 REV (-), S/A SSN4762KP - SSN688CL Power and Lighting Mods to Support PPMC.
- d. 613-8209030 REV (-), S/A SSN4762KP - SSN688CL PPMC Ripout Cabling Diagram & Details.
- e. 613-8209031 REV (-), S/A SSN4762KP - SSN688CL PPMC Instl Cabling Diagram & Details.
- f. 613-8209032 REV (-), S/A SSN4762KP - SSN688CL PPMC Instl Wiring Tables & Cable Charts.
- g. 608-8209034 REV (-), SHIPALT 4762KP - SSN688CL Ripout & Installation of Lockers & Stowages to Suit SUBLAN PPMC.
- h. 345-8209037 REV (-), S/A SSN4762KP - SSN688CL Misc Engine Room Arr to Sprt Instl of PPMC.
- i. 302-8209039 REV (-), S/A SSN4762KP - SSN688CL Cable Routing Mods to Support SUBLAN PPMC.
- j. 113-8209040 REV (-), SSN688 SHIPALT 4761.02KP/4762KP R/O & Instl of Battle Lanterns IWO Laptop Locker Relocation.
- k. 103-8209044 REV (-), S/A 4762KP - SSN688CL Ripout and Installation Details Platform to Suit Installation of SUBLAN PPMC.
- l. 513-8209048 REV (-), S/A-4762KP SSN688 Class Mods to AEB in Upper Engine Room to Suit Installation of PPMC.

8. SHIPALT 4763KP, CANES HW V0:

- a. SAR SSN688, 4763KP, SSN688 Class CANES HW0/SW0
- b. 613-8209103 REV (-), S/A SSN4763KP - SSN688CL Network Mod to Support Instl of CANES

Label Plate Conversion.
c. 516-8209104 REV (-), SHIPALT SSN4763KP - SSN688CLEAFW Cooling System Grade A
SUBLAN to CANES Conversion.

9. EC-01, ADNS INC III EOL Router Replacement:

TMIN EE100-YZ-ECO-001: Automated Digital Network System (ADNS), AN/USQ-144K(V)3; EC-01, End-Of-Life (EOL) Router Replacement; Engineering Change Order (ECO).

10. EC-01, KW-46 MOD/V2.6 Upgrade:

TMIN EE180-S6-ECO-001: PEO C4I COMSEC CSRR KW46; EC-1 Upgrade.

11. EC-02R1, SLVR SW 4.0 Upgrade:

TMIN EE100-WT-ECO-002 REV01: Submarine LF/VLF VMEBUS Receiver (SLVR), AN/WRR-12A; EC-2, Hardware and Software Version (SV) 4.0.0, Engineering Change Order R1.

12. EC-04 R1, EHF Cipher Text TIP:

TMIN EE130-B7-ECO-004 REV 01: Satellite Communications General; EC-4, C-12509/USC-38, Navy EHF SATCOM Program (NESP) Time Division Multiple Access Interface Processor (TIP); Engineering Change Order, Revision 1.

13. EC-06 R1, RFDACS L1.1.0.0 Upgrade:

TMIN EE110-CL-ECO-006 REV 01: Radio Frequency Distribution and Control System, (RFDACS), OK-664(V)13/BRC; EC-6R1, RFDACS L1.1.0.0 Hardware and Software Upgrade; Engineering Change Order; Revision.

14. EC-22 R2, CSRR HM&E Cabling/Equipment:

TMIN EE109-E1-ECO-022 REV 2: Common Submarine Radio Room (CSRR); EC-22R2, Los Angeles CSRR Increment 1, Version 3 Installation, Engineering Change Order.

Note:

Drawing attachments B through C included as part of this EC are Revision (-). However, these drawing attachments have been superseded by Revision (D). The EC-22 R2 installation kit for USS Annapolis (SSN 760) is built to Revision (C). KTR shall utilize the Revision (D) drawings and shall install per this revision. KTR shall be responsible for procurement and installation of material affected by the Revision (D) drawings. The following Revision (D) drawings are being provided as part of the GFI upload for this tasking:

- a. 06892600 REV (D), 688 Class Mechanical Installation for CSRR I1V3
- b. 06892601 REV (D), 688 Class Electrical Installation for CSRR I1V3
- c. 06892602 REV (D), 688 Class Wiring Tables for CSRR I1V3

15. EC-25 R1, CSRR Cross Domain Message Transfer (CDMT):

TMIN EE109-E1-ECO-025 REV 01: Common Submarine Radio Room (CSRR); EC-25 Revision 1, Virginia Class CSRR Increment 1, Version 3 Cross Domain Message Transfer (CDMT) (1.3.4.1) Installation; Engineering Change Order.

Note:

Drawing attachments C through E included as part of this EC are Revision (-). However, drawing attachments C and D have been superseded by Revision (A). The EC-25 R1 installation kit for (b)(7)(e) is built to Revision (-). KTR shall utilize the Revision (A) drawings and shall install per this revision. KTR shall be responsible for procurement and installation of material affected by the Revision (A) drawings. The following Revision (A) drawings are being provided as part of the GFI upload for this tasking:

- a. 06892610 REV (A), LA Class CSRR 1.3.4.1 (CDMT) Mechanical Ripout & Installation
- b. 06892611 REV (A), LA Class CSRR 1.3.4.1 (CDMT) Electrical Ripout & Installation
- c. 06892612 REV (-), LA Class CSRR 1.3.4.1 (CDMT) Wiring Tables (No change in the revision)

16. EC-26, CSRR ADNS SP2 Router Replacement:

TMIN EE109-E1-ECO-26: Common Submarine Radio Room (CSRR), EC-26, Los Angeles Class CSRR Increment 1, Version 3 ADNS III Service Pack 2 (1.3.4.2), Installation; Engineering Change Order.

Note:

Drawing attachments C through E included as part of this EC are Revision (-). However, drawing attachments C through E have been superseded by new revisions. The EC-26 installation kit for (b)(7)(e) is built to Revision (-). KTR shall utilize the latest revision drawings and shall install per this revision. KTR shall be responsible for procurement and installation of material affected by the new revision drawings. The following new revision drawings are being provided as part of the GFI upload for this tasking:

- a. 06892620 REV (A), LA Class CSRR 1.3.4.2 (ADNS SP2) Mechanical Ripout & Installation
- b. 06892621 REV (B), LA Class CSRR 1.3.4.2 (ADNS SP2) Electrical Ripout & Installation
- c. 06892622 REV (B), LA Class CSRR 1.3.4.2 (ADNS SP2) Wiring Tables

17. EC-29 R1, CSRR RFDACS EOL Upgrades:

TMIN EE109-E1-ECO-029 REV 1: Common Submarine Radio Room (CSRR), EC-29R1, Los Angeles Class CSRR Increment 1, Version 3 DT-9110 Radio Frequency Distribution and Control System (RFDACS) (1.3.4.3) Installation; Engineering Change Order.

Note:

Drawing attachments C through E included as part of this EC are Revision (-). However, drawing attachments C and D have been superseded by Revision (A). The EC-29 R1 installation kit for (b)(7)(e) is built to Revision (-). KTR shall utilize the Revision (A) drawings and shall install per this revision. KTR shall be responsible for procurement and installation of material affected by the Revision (A) drawings. The following Revision (A) drawings are being provided as part of the GFI upload for this tasking:

- a. 06892630 REV (A), LA Class CSRR 1.3.4.3 (RFDACS DT-9110) Mechanical Ripout & Installation
- b. 06892631 REV (A), LA Class CSRR 1.3.4.3 (RFDACS DT-9110) Electrical Ripout & Installation
- c. 06892632 REV (-), LA Class CSRR 1.3.4.3 (RFDACS DT-9110) Wiring Tables (No change in the revision)

18. EC-30, CSRR KW-46M Upgrade:

TMIN EE109-E1-ECO-030: Common Submarine Radio Room (CSRR), EC-30, Los Angeles Class CSRR Increment 1, Version 3 (1.3.4.4/.5/.6) KIV-7M V2.6 Installation; Engineering Change Order.

Note:

Drawing attachments B through D included as part of this EC are Revision (-). However, drawing attachments B through D have been superseded by new revisions. The EC-30 installation kit for (b)(7)(e) is built to Revision (-). KTR shall utilize the latest revision drawings and shall install per this revision. KTR shall be responsible for procurement and installation of material affected by the new revision drawings. The following new revision drawings are being provided as part of the GFI upload for this tasking:

- a. 06892640 REV (A), LA Class CSRR 1.3.4.4/5/6 (KIV-7M 2.6) Mechanical Ripout & Installation
- b. 06892641 REV (-), LA Class CSRR 1.3.4.4/5/6 (KIV-7M 2.6) Electrical Ripout & Installation (No change in the revision)
- c. 06892642 REV (A), LA Class CSRR CSRR 1.3.4.4/5/6 (KIV-7M 2.6) Wiring Tables

5.1.2. SOVT Documents – N/A

5.1.3. Approved Liaison Action Requests (LARs) and PARM Liaison Action Requests (PLARs) (if applicable)

a. USS ANNAPOLIS (SSN 760)

1. SHIPALT 4365.01K R1, SUBLAN Grade-A, CSES HM&E:

PY's: PY-71545, PY-71545B, PY-71813A, PY-84116, PY-84220, PY-84390 and PY-84547A.

PYR's: PYR-23101, PYR-23107, PYR-23365, PYR-23953, PYR-23954, PYR-23955, PYR-23956, PYR-23957, PYR-23958, PYR-23960, PYR-23961, PYR-23962, PYR-24049, PYR-24128, PYR-24170, PYR-24245, PYR-24255 and PYR-24161.

RLAR's: RLAR-24203 and RLAR-24204.

2. SHIPALT 4365.02K, SUBLAN Grade-A, HW:

PY's: PY-70315, PY-70316, PY-70518, PY-70637, PY-72440, PY-72464, PY-72502, PY-72561, PY-72756, PY-72847, PY-72895, PY-72951, PY-73731, PY-74481, PY-75016, PY-75370, PY-84022, PY-84120, PY-84120A, PY-84159, PY-84235, PY-84236, PY-84341, PY-84390 and PY-84547A.

PYR's: PYR-20670, PYR-20960, PYR-23681, PYR-23682, PYR-24128, PYR-24129, PYR-24161 and PYR-24170.

RLAR's: RLAR-20579, RLAR-21562, RLAR-23159, RLAR-23365, RLAR-23557, RLAR-23558, RLAR-23922, RLAR-23951, RLAR-23952, RLAR-23954, RLAR-23955, RLAR-23956, RLAR-23957, RLAR-23970, RLAR-23986, RLAR-23987, RLAR-24049, RLAR-24090, RLAR-24161, RLAR-24205, RLAR-24206, RLAR-24213, RLAR-24216, RLAR-24217, RLAR-24245 and RLAR-24255.

3. SHIPALT 4642KP, NTCSS Viking Back-Fit:

PYR's: PYR-21440, PYR- 21445 and PYR-24155.

4. SHIPALT 4697KP, CSRR INC 1 V0/1/2/3:

PY's: PY-77319, PY-77320, PY-77321, PY-77327, PY-77397, PY-77821A, PY-77882, PY-77883, PY-77919, PY-78014, PY-78021, PY-78122A, PY-78153, PY-78172, PY-78172A, PY-78172B, PY-78202, PY-78263, PY-78306, PY-78309, PY-78385, PY-78446, PY-78516A, PY-78516B, PY-78600, PY-78671, PY-78672, PY-78703, PY-78779, PY-78785, PY-78799, PY-78817, PY-78856A, PY-78893, PY-78896, PY-78941A, PY-78941B, PY-78969, PY-79060, PY-79078A, PY-79099, PY-79105, PY- 79141, PY-79196, PY-79197, PY-79214, PY-79233, PY-79238A, PY-79353, PY-79420, PY-79470, PY-79476, PY-79570, PY-79583, PY-79589, PY-79590, PY-79591, PY-79637, PY- 79656A, PY-79659, PY-79672, PY-79682, PY-79720, PY-79724, PY-79774, PY- 79795, PY-79883, PY-79890, PY-79892, PY-79938, PY-79984, PY-79986, PY-80092, PY-80176, PY-80224, PY-80246, PY-80289, PY-80354, PY-80398, PY-80398A, PY-80400, PY-80447, PY-80447A, PY-80465, PY-80468, PY-80475, PY-80641, PY-80649, PY-80786, PY-80810, PY-80812, PY-80812A, PY-80901, PY-80906, PY-80907A, PY-80930, PY-80931, PY-80986, PY-81063, PY-81067, PY-81068, PY-81118, PY-81123, PY-81220, PY-81348, PY-81399, PY-81438, PY-81439, PY-81440, PY-81444, PY-81491, PY-81950, PY-82024, PY-82107, PY-82108, PY-82756, PY-82831A, PY-82845, PY-82926, PY-82930, PY-83094A, PY-83172, PY-83231, PY-83295, PY-83295A, PY-83295B, PY-83352, PY-83368, PY-83482, PY-83515, PY-83517, PY-83585, PY-83631, PY-83632, PY-83688, PY-83716B, PY-84046, PY-84118, PY-84217, PY-84217A, PY-84221, PY-84265A, PY-84365, PY-84390, PY-84437, PY-84483, PY-84499, PY-84508, PY-84652, PY-84691, PY-84725, PY-84776, PY-84786, PY-84807, PY-84836, PY-84865A, and PY-85054.

PYR's: PYR-21428, PYR-21744, PYR-21746, PYR-21774, PYR-21791, PYR-21792, PYR-21830, PYR-21884, PYR-21886, PYR-21887, PYR-21938, PYR-21939, PYR-21948, PYR-21950, PYR-21964, PYR-21995, PYR-22009, PYR-23047, PYR-23048, PYR-23050, PYR-23051, PYR-23081, PYR-23087, PYR-23095, PYR-23096, PYR-23145, PYR-23216, PYR-23263, PYR-23263A, PYR-23270, PYR-23283, PYR-23287, PYR-23298, PYR-23360, PYR-23381, PYR-23394, PYR-23476, PYR-23507, PYR-23541, PYR-23565, PYR-23571, PYR-23650, PYR-23679, PYR-23680, PYR-23807, PYR-23815, PYR-23817, PYR-23839, PYR-23840, PYR-23851, PYR-23875, PYR-23901, PYR-23921, PYR-23926, PYR-23927, PYR-23964, PYR-23992, PYR-24011, PYR-24018, PYR-24032, PYR-24033, PYR-24078, PYR-24093, PYR-24094, PYR-24189, PYR-24199, PYR-24200 and PYR-24209.

RLARs: RLAR-24198, RLAR-24212, RLAR-24240, RLAR-24271, RLAR-24323, RLAR-24327 and RLAR- 24345.

5. SHIPALT 4733KP, ADNS INC III:

None, SIDLess SAR.

6. SHIPALT 4737KP, CRYPTO Universal Enclosure (CUE):

None, SIDLess SAR.

7. SHIPALT 4762KP, SUBLAN PPMC:

PYRs: PYR-24040, PYR-24079, PYR-24080, PYR-24087

RLARs: RLAR-24260

8. SHIPALT 4763KP, CANES HW V0:

None

9. EC-22 R2, CSRR:

To obtain the latest approved PLARs required for this current tasking, the contractor is required to log-in and request a Collaborative Information Management System (CIMS), account by accessing the following website at: <https://isc.nmci.navy.mil>.

Contractor must request “read only” access to the “CSRR Submarine Communications (SUBCOMM) Area” in order to view and download the applicable approved PLARS specified in the CSRR LA-PLAR Status spreadsheet. This spreadsheet is included as part of the Government Furnished Information (GFI) upload. Filename: <CSRR LA-PLAR Status_rev AAAE>.

The Government Sponsor POC to list for the request is:

(b)(6), Phone: (757) 541-6539, Email: (b)(6)@navy.mil

5.1.4. Memorandum of Agreement (MOA)

- a. SSN 760 MOA Template/Draft- AIT (Non-SUBSAFE)
- b. SSN 760 MOA Template/Draft- AIT (SUBSAFE)

5.1.5. Training Documents –N/A

5.1.5. Alteration Installation Book (AIT) RMMCO Check-in @ A-7 Days

- a. In Brief
- b. SOVT
- c. Blank Alteration Completion Report
- d. ILS Cert

5.2 Government Furnished Material (GFM): As listed in the Bill of Material (BOM) of the Planning Yard approved SIDs.

6. OTHER

6.1 Security:

Contractor’s request for visit authorization shall be submitted in accordance with DOD 5220.22M (Industrial Security Manual for Safeguard Classified Information) to the task originator. Request shall be forwarded via SPAWARSCEN LANT Charleston, PO BOX 190022, Charleston, SC 29419-9022, Attn: Security Office, for certification of need to know by COR. The technical requirements of this task order are unclassified; however, contractor personnel assigned to conduct the installation within security areas shall have a clearance appropriate for that area. The general level of clearance required for access to a ship is confidential; for radio or other controlled areas a secret clearance may be required. The Contractor shall ensure all sub-contractors utilized for this PWS meet security requirements.

6.1.1 Disclosure of Information (252.204-7000), as prescribed in 204.404-70

Disclosure of Information (AUG 2013)

- (a) The Contractor shall not release to anyone outside the Contractor's organization any unclassified information, regardless of medium (e.g., film, tape, document), pertaining to any

part of this contract or any program related to this contract, unless—

- (1) The Contracting Officer has given prior written approval;
 - (2) The information is otherwise in the public domain before the date of release; or
 - (3) The information results from or arises during the performance of a project that has been scoped and negotiated by the contracting activity with the contractor and research performer and determined in writing by the contracting officer to be fundamental research in accordance with National Security Decision Directive 189, National Policy on the Transfer of Scientific, Technical and Engineering Information, in effect on the date of contract award and the USD (AT&L) memoranda on Fundamental Research, dated May 24, 2010, and on Contracted Fundamental Research, dated June 26, 2008, (available at DFARS PGI 204.4).
- (b) Requests for approval under paragraph (a)(1) shall identify the specific information to be released, the medium to be used, and the purpose for the release. The Contractor shall submit its request to the Contracting Officer at least 10 business days before the proposed date for release.
- (c) The Contractor agrees to include a similar requirement, including this paragraph (c), in each subcontract under this contract. Subcontractors shall submit requests for authorization to release through the prime contractor to the Contracting Officer.

6.1.2 Safeguarding of Unclassified Controlled Technical Information (252.204-7012), as prescribed in 204.7304

Safeguarding of Unclassified Controlled Technical Information (NOV 2013)

(a) *Definitions.* As used in this clause:

“Adequate security” means protective measures that are commensurate with the consequences and probability of loss, misuse, or unauthorized access to, or modification of information.

“Attribution information” means information that identifies the Contractor, whether directly or indirectly, by the grouping of information that can be traced back to the Contractor (e.g., program description or facility locations).

“Compromise” means disclosure of information to unauthorized persons, or a violation of the security policy of a system, in which unauthorized intentional or unintentional disclosure, modification, destruction, or loss of an object, or the copying of information to unauthorized media may have occurred.

“Contractor information system” means an information system belonging to, or operated by or for, the Contractor.

“Controlled technical information” means technical information with military or space application that is subject to controls on the access, use, reproduction, modification, performance, display, release, disclosure, or dissemination. Controlled technical information is to be marked with one of the distribution statements B-through-F, in accordance with DoD Instruction 5230.24, Distribution Statements on Technical Documents. The term does not include information that is lawfully publicly available without restrictions.

“Cyber incident” means actions taken through the use of computer networks that result in an actual or potentially adverse effect on an information system and/or the information residing therein.

“Exfiltration” means any unauthorized release of data from within an information system. This includes copying the data through covert network channels or the copying of data to unauthorized media.

“Media” means physical devices or writing surfaces including, but is not limited to, magnetic

tapes, optical disks, magnetic disks, large-scale integration memory chips, and printouts onto which information is recorded, stored, or printed within an information system.

“Technical information” means technical data or computer software, as those terms are defined in the clause at DFARS 252.227-7013, Rights in Technical Data-Non Commercial Items, regardless of whether or not the clause is incorporated in this solicitation or contract. Examples of technical information include research and engineering data, engineering drawings, and associated lists, specifications, standards, process sheets, manuals, technical reports, technical orders, catalog-item identifications, data sets, studies and analyses and related information, and computer software executable code and source code.

(b) *Safeguarding requirements and procedures for unclassified controlled technical information.*

The Contractor shall provide adequate security to safeguard unclassified controlled technical information from compromise. To provide adequate security, the Contractor shall:

- (1) Implement information systems security in its project, enterprise, or company-wide unclassified information technology system(s) that may have unclassified controlled technical information resident on or transiting through them. The information systems security program shall implement, at a minimum:
 - (i) The specified National Institute of Standards and Technology (NIST) Special Publication (SP) 800-53 security controls identified in the following table; or
 - (ii) If a NIST control is not implemented, the Contractor shall submit to the Contracting Officer a written explanation of how:
 - (A) The required security control identified in the following table is not applicable; or
 - (B) An alternative control or protective measure is used to achieve equivalent protection.
- (2) Apply other information systems security requirements when the Contractor reasonably determines that information systems security measures, in addition to those identified in paragraph (b)(1) of this clause, may be required to provide adequate security in a dynamic environment based on an assessed risk or vulnerability.

Table 1 -- Minimum Security Controls for Safeguarding

Minimum required security controls for unclassified controlled technical information requiring safeguarding in accordance with paragraph (d) of this clause. (A description of the security controls is in the NIST SP 800-53, “Security and Privacy Controls for Federal Information Systems and Organizations” (<http://csrc.nist.gov/publications/PubsSPs.html>).)

<u>Access Control</u>	<u>Audit & Accountability</u>	<u>Identification and Authentication</u>	<u>Media Protection</u>	<u>System & Comm Protection</u>
AC-2	AU-2	IA-2	MP-4	SC-2
AC-3(4)	AU-3	IA-4	MP-6	SC-4
AC-4	AU-6(1)	IA-5(1)		SC-7
AC-6	AU-7		<u>Physical and Environmental Protection</u>	SC-8(1)
AC-7	AU-8	<u>Incident Response</u>	PE-2	SC-13
AC-11(1)	AU-9	IR-2	PE-3	
AC-17(2)		IR-4	PE-5	SC-15
AC-18(1)	<u>Configuration</u>	IR-5		SC-28

	<u>Management</u>			
AC-19	CM-2	IR-6	<u>Program Management</u>	
AC-20(1)	CM-6		PM-10	<u>System & Information Integrity</u>
AC-20(2)	CM-7	<u>Maintenance</u>		SI-2
AC-22	CM-8	MA-4(6)	<u>Risk Assessment</u>	SI-3
		MA-5	RA-5	SI-4
<u>Awareness & Training</u>	<u>Contingency Planning</u>	MA-6		
AT-2	CP-9			

Legend:

AC: Access Control MA: Maintenance

AT: Awareness and Training MP: Media Protection

AU: Auditing and Accountability PE: Physical & Environmental Protection

CM: Configuration Management PM: Program Management

CP: Contingency Planning RA: Risk Assessment

IA: Identification and Authentication SC: System & Communications Protection

IR: Incident Response SI: System & Information Integrity

- (c) *Other requirements.* This clause does not relieve the Contractor of the requirements specified by applicable statutes or other Federal and DoD safeguarding requirements for Controlled Unclassified Information (CUI) as established by Executive Order 13556, as well as regulations and guidance established pursuant thereto.
- (d) *Cyber incident and compromise reporting.*
- (1) *Reporting requirement.* The Contractor shall report as much of the following information as can be obtained to the Department of Defense via (<http://dibnet.dod.mil/>) within 72 hours of discovery of any cyber incident, as described in paragraph (d)(2) of this clause, that affects unclassified controlled technical information resident on or transiting through the Contractor's unclassified information systems:
- (i) Data Universal Numbering System (DUNS).
 - (ii) Contract numbers affected unless all contracts by the company are affected.
 - (iii) Facility CAGE code if the location of the event is different than the prime Contractor location.
 - (iv) Point of contact if different than the POC recorded in the System for Award Management (address, position, telephone, email).
 - (v) Contracting Officer point of contact (address, position, telephone, email).
 - (vi) Contract clearance level.
 - (vii) Name of subcontractor and CAGE code if this was an incident on a Sub-contractor network.
 - (viii) DoD programs, platforms or systems involved.
 - (ix) Location(s) of compromise.
 - (x) Date incident discovered.
 - (xi) Type of compromise (e.g., unauthorized access, inadvertent release, other).
 - (xii) Description of technical information compromised.
 - (xiii) Any additional information relevant to the information compromise.
- (2) *Reportable cyber incidents.* Reportable cyber incidents include the following:
- (i) A cyber incident involving possible exfiltration, manipulation, or other loss or compromise of any unclassified controlled technical information resident on or transiting through Contractor's, or its subcontractors', unclassified information systems.

- (ii) Any other activities not included in paragraph (d)(2)(i) of this clause that allow unauthorized access to the Contractor's unclassified information system on which unclassified controlled technical information is resident on or transiting.
- (3) *Other reporting requirements.* This reporting in no way abrogates the Contractor's responsibility for additional safeguarding and cyber incident reporting requirements pertaining to its unclassified information systems under other clauses that may apply to its contract, or as a result of other U.S. Government legislative and regulatory requirements that may apply (e.g., as cited in paragraph (c) of this clause).
- (4) *Contractor actions to support DoD damage assessment.* In response to the reported cyber incident, the Contractor shall:
 - (i) Conduct further review of its unclassified network for evidence of compromise resulting from a cyber incident to include, but is not limited to, identifying compromised computers, servers, specific data and users accounts. This includes analyzing information systems that were part of the compromise, as well as other information systems on the network that were accessed as a result of the compromise;
 - (ii) Review the data accessed during the cyber incident to identify specific unclassified controlled technical information associated with DoD programs, systems or contracts, including military programs, systems and technology; and
 - (iii) Preserve and protect images of known affected information systems and all relevant monitoring/packet capture data for at least 90 days from the cyber incident to allow DoD to request information or decline interest.
- (5) DoD damage assessment activities. If DoD elects to conduct a damage assessment, the Contracting Officer will request that the Contractor point of contact identified in the incident report at (d)(1) of this clause provide all of the damage assessment information gathered in accordance with paragraph (d)(4) of this clause. The Contractor shall comply with damage assessment information requests. The requirement to share files and images exists unless there are legal restrictions that limit a company's ability to share digital media. The Contractor shall inform the Contracting Officer of the source, nature, and prescription of such limitations and the authority responsible.
- (e) *Protection of reported information.* Except to the extent that such information is lawfully publicly available without restrictions, the Government will protect information reported or otherwise provided to DoD under this clause in accordance with applicable statutes, regulations, and policies. The Contractor shall identify and mark attribution information reported or otherwise provided to the DoD. The Government may use information, including attribution information and disclose it only to authorized persons for purposes and activities consistent with this clause.
- (f) Nothing in this clause limits the Government's ability to conduct law enforcement or counterintelligence activities, or other lawful activities in the interest of homeland security and national security. The results of the activities described in this clause may be used to support an investigation and prosecution of any person or entity, including those attempting to infiltrate or compromise information on a contractor information system in violation of any statute.
- (g) Subcontracts. The Contractor shall include the substance of this clause, including this paragraph (g), in all subcontracts, including subcontracts for commercial items.

6.2 Transportation:

The Contractor shall provide transportation of materials and task personnel between work locations as required.

Note: The transportation of material shall also include the Government provided GFI in support of ILS turnover for RMMCO check-in and/or turnover to Ship's Force or applicable ILO team.

6.3 Inspection/QASP:

Inspection of the work shall be accomplished as identified by the Quality Assurance Surveillance Plan (QASP), Attachment 2. The performance of the contractor and the quality of the work delivered, including any documentary material written or compiled, shall be subject to in-process review and inspection. Inspections may be accomplished at any work location by any authorized government personnel who shall be permitted to inspect work at all reasonable hours.

6.4. Acceptance:

The SSC Contracting Officer Representative (COR) is responsible for the acceptance of the final deliverable products. The COR's final acceptance shall be based upon the AIT Manager's or designated alternates recommendation, ensuring the task order has been satisfactorily completed, all deliverable products have been received and Government Provided Property and all residual materials, (notes, tech manuals, brochures, research material and remaining supplies), have been received.

6.5 Earned Value Management System (EVMS)

Contractor shall provide EVM data in IMO modified format. EVM data shall be uploaded to IMO system no later than close of business on the day before contractor's scheduled EVM weekly meeting.

6.6 Source Selection Plan Criteria:

Evaluation methodology for this task order will be as outlined on Attachment 3. The Government will evaluate each offeror's proposal. The evaluation will be an assessment of the offerors' understanding of what is needed to successfully complete each task/subtask identified on this Performance Work Statement. Omission of one or more evaluation criteria will disqualify your submission.

6.7 Weekly Task Order Progress and Status Report: N/A

6.8 Weighting for Monetary Incentive Fee Calculations

Rating Area	Weight%
Cost (Mandatory Min = 25%)	100 %

6.9 Progress Payments

The need for customary progress payments conforming to the regulations in Subpart 32.5 of the Federal Acquisition Regulation (FAR) will not be considered as a handicap or adverse factor in the award of the contract. The Progress Payments clause included in this solicitation will be included in any resulting contract, modified or altered if necessary in accordance with subsection 52.232-16 and its Alternate I of the FAR. Even though the clause is included in the contract, the clause shall be inoperative during any time the contractor's accounting system and controls are determined by the Government to be inadequate for segregation and accumulation of contract costs.

6.10 Hazardous Material Handling and Disposal: All hazardous material shall be controlled, handled and disposed of in accordance with local directives at place of performance.

6.11 Disposition of Removed Material (DRMO): All removed material to include cabling and hardware shall be disposed of as directed by applicable Ship Alteration Records (SAR) and Engineering Change Orders (ECO) IAW local procedures.

6.12 Daily Onsite Status Reporting: Prior to 1530, provide OSIC with electronic correspondence detailing work accomplished that day and anticipated work to be accomplished the following day to include any concerns or issues that could potentially impact production schedule.

6.13 Weekly Onsite Updates to the Plan of Actions and Milestones (POA&M): While onsite and prior to Monday mornings, provide OSIC in Microsoft Project format an updated POA&M reflecting percent of work accomplished to include any concerns or issues that could potentially impact production schedule.

6.14 Personnel Reporting: Submit a hard copy roster of onsite personnel and the current normal working hours to the OSIC weekly (normally Monday) or when staffing changes occur. Notify the OSIC verbally or via e-mail when personnel are not present on any given shift.

7. DATA DELIVERABLES

Required CDRL items are listed in Attachment (1).

8. SUBCONTRACTING REQUIREMENTS

In accordance with the basic contract.

9. CONSTRAINTS/SPECIAL REQUIREMENTS - N/A

10. ORGANIZATIONAL CONFLICT OF INTEREST (OCI)

Contractor shall identify any potential or actual Organizational Conflict of Interest (OCI) issues that may exist that could provide an unfair competitive advantage, biased ground rules or impaired objectivity concerning tasks identified on the Performance Work Statement. If an OCI does exist, contractor must provide the actions that will be taken to neutralize or mitigate any such OCI issues for both the prime and subcontractors.

“Organizational Conflict of Interest” means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage." In short, organizational conflicts of interest can result in contract awards based on bias or unfair competitive advantages, compromising the impartiality of the federal government and the integrity of its contracting procedures. OCIs are often grouped into three general categories based on the problems they create: unequal access to information, impaired objectivity, and biased ground rules. Organizational conflicts of interest are more likely to occur involving certain services, such as management support services and consultant or other professional services.

11. POC DESIGNATIONS

- a. The Contracting Officer's Representative (COR) for this Task Order is (b)(6), SPAWARSYSCEN Atlantic, Code 42130 who can be reached at (843) 218-5898, e-mail: (b)(6)@navy.mil.
- b. The Task Originator (TO) for this Task Order is (b)(6), SPAWARSYSCEN Atlantic, Code 42130 who can be reached at (843) 218-5898, email: (b)(6)@navy.mil.
- c. The Onsite Installation Coordinator for the Task/Delivery Order is (b)(6) from SPAWARSYSCEN Atlantic, Code 42130. POC information: (b)(6), Office: 843-218-3659; Cell: 843-323-6315; Email: (b)(6)@navy.mil.

12. LIST OF ATTACHMENTS

- a. Attachment 1 – Data Deliverables List
- b. Attachment 2 – Quality Assurance Surveillance Plan
- c. Attachment 3- Source Selection Plan Criteria

ATTACHMENT 1
DATA DELIVERABLES LIST

- a. **CDRL A003:** Submit a Report of Conditions Found during the Ship Check conducted to the OSIC within 2 days of completion. Note any discrepancies and identify required corrective measures. Names of persons conducting the survey, the dates, and Points of Contact shall be included.
- b. **CDRL A003:** Submit a Change Order Request Notification (CORN) for each discrepancy discovered while performing tasking under this order. Submit the CORN via the regional IMO Database within 48 hours of discovery. CORN to document the following:
 - 1. Time, date, work location and shift in which the discrepancy or condition occurred.
 - 2. Description/Cause of discrepancy or condition.
 - 3. Labor categories and man-hours impacted by discrepancy or condition.
 - 4. Steps / corrective actions taken to redirect manning to other work areas to mitigate impact of discrepancy or condition. Note the labor categories, man-hours, work location and workforce, which was redirected to per TID number.
 - 5. Estimate of total cost of impact caused by the discrepancy or condition.
 - 6. Identify impacts to schedule.
- c. **CDRL A003:** Provide a report of major deficiencies or discrepancies discovered during Checkout/SOVTs to the OSIC immediately upon discovery. A major deficiency is defined as repairs requiring more than six (6) man-hours to correct.
- d. **CDRL A003:** Provide removed and installed equipment documentation to the SSC-LANT OSIC.
- e. **CDRL A003:** Provide a report of major deficiencies or discrepancies discovered during inventory and inspection of the GFM kit for EC-22 R2 CSRR HM&E Cabling/Equipment and associated CSRR related Engineering Changes (EC), as identified in paragraph 1.b to the Task Originator immediately upon discovery.
- f. **CDRL A004:** Provide a POA&M to the Task Originator, with a copy to the COR, within one week of task authorization. The POA&M shall address, for each subtask, (1) QA Checkpoints, (2) Pre-Installation, (3) Site Preparation, (4) Installation, and (5) Post-Installation. The POA&M will provide a schedule of events and scheduled production to such detail as is required to provide a baseline for determining task status using Earned Value Methodology. Maintain and up-date the POA&M to reflect schedule and requirement changes until completion of the task.
- g. **CDRL A004:** Submit a hard copy roster of onsite personnel and current normal working hours to the OSIC weekly (normally Monday), or when staffing changes occur. Notify OSIC verbally or via e-mail when personnel are not present on any current shift.
- h. **CDRL A005:** Provide five (5) copies of “redline” marked-up SIDs to the OSIC prior to ILS turnover. Note: Mail (1) copy to: SPAWAR Atlantic Charleston, 1008 Trident Street, Hanahan, SC, 29410, Attn: Ricky P. Herndon, BLDG 3112, Code 42130RH, Phone: (843) 218-5898.
- i. **CDRL A005:** Provide four (4) copies of “redline” marked-up CSRR PARMALT drawings (specified in paragraph 3.6.r), to the OSIC prior to ILS turnover. Note: Mail (1) copy to: SPAWAR Atlantic Charleston, 1008 Trident Street, Hanahan, SC, 29410, Attn: Ricky P. Herndon, BLDG 3112, Code 42130RH, Phone: (843) 218-5898. Mail (1) copy to: SPAWAR Atlantic Charleston, 1008 Trident Street, Hanahan, SC, 29410, Attn: David N. Parker, BLDG 3112, Code 41120DP, Phone: (843) 218-2304. Remaining copies to be turned over to the ship during the ILS turnover.
- j. **CDRL A005:** Provide the final “redline” marked-up Selected Record Drawings (SRD) to the OSIC for turnover to the Planning Yard.
- k. **CDRL A006:** Provide the Task Originator with a list of long lead time LAN material within one week of task activation.
- l. **CDRL A006:** Provide a Disposition Inventory List report containing a final task order inventory/status of contractor-acquired and/or government furnished property consumed or returned to the government. Include this report in the Task Order Closeout Report, Attachment 1 Data Deliverable “m”. Disposition Inventory List template can be found as Appendix (L) of the SE II Global Installation Multiple Award Contract User’s Guide. Property transfer shall be documented with DD FORM 1149.
- m. **CDRL A007:** Submit a Task Order Closeout Report by email to the Contracting Officer and COR within 60 days after the task order completion date. Use template identified as Appendix (J) of the SE II Global Installation Multiple Award Contract User’s Guide.
- n. **CDRL A008:** Provide a Cost Analysis Report (required when final cost deviates from target cost by more

than 5% explaining task order savings or cost growth. This report is included as part of the Task Closeout Report.

- o. **CDRL A009:** Submit the signed (KTR), MOA as specified in paragraph 3.3.b.
- p. **CDRL A010:** Submit a Meeting Report for each meeting attended by the contractor without the OSIC.
- q. **CDRL A011:** Develop a Quality Assurance Plan and Test workbook and provide to the SPAWARSYSCEN QA Manager for review prior to Regional Maintenance and Modernization Coordination Office (RMMCO) Check-in. Maintain the Quality Assurance Plan and Test Workbook on-site for review by SPAWARSYSCEN QA personnel. The Quality Assurance Plan and Test Workbook shall include a Table of Contents that lists the 7 sections of the Test and Inspection Plan and contains at a minimum, the following items:
 - **TABLE OF CONTENTS**
 - **SECTION 1: SHIP CHANGE/LEGACY ALTERATION DESCRIPTION**
 - TAB 1A - **LIABILITY INSURANCE CERTIFICATE:** Describes the Contractor and subcontractor liability insurance.
 - TAB 1B - **INSTALLATION DRAWINGS/DOCUMENTATION:** A copy of the approved Ship Change Document, SCD/Ship Alteration Records, SAR that describes the scope of the Ship Change/alteration
 - TAB 1C - **STATEMENT OF WORK:** Describes the scope of Contractor responsibility.
 - TAB 1D - **LIAISON ACTION REPORTS (LARs):** Copies of all applicable LARs.
 - **SECTION 2: PERSONNEL**
 - TAB 2A - **POINTS OF CONTACT:** Lists the Principals involved with the installation including the On-site Government Representative.
 - TAB 2B - **ON-SITE PRIME CONTRACTOR PERSONNEL:** A comprehensive list of all prime contractor personnel that will be onboard during the installation. Include up-to-date qualifications, certifications and training received that are relevant to the installation and pre-fabrication.
 - TAB 2C - **ON-SITE SUBCONTRACTOR AND TEMPORARY PERSONNEL:** A comprehensive list of all subcontractor and temporary personnel that will be onboard during the installation. Include up-to-date qualifications, certifications and training received that are relevant to the installation and pre-fabrication.
 - **SECTION 3: PROCEDURES – OBJECTIVE QUALITY EVIDENCE (OQE)**
 - TAB 3A - **QUALITY MANAGEMENT SYSTEM APPROVAL LETTER:** Required to show that AIT contractor is operating under an approved QMS.
 - TAB 3B - **NAVSEA STANDARD ITEMS:** All NAVSEA Standard Items (as outlined in NSI 009-09) that are relevant to the work being performed shall be listed in this section.
 - TAB 3C - **QUALITY ASSURANCE MANAGEMENT PLAN (QAMS):** QA Diskette, including QA Manual, Instructions, Process Control Procedures (PCPs) and Forms. Note: Process control procedures shall cross-reference with personnel qualifications provided in Section 2.
 - TAB 3D - **REFERENCES AND SPECIFICATIONS:** Diskette of applicable References and Specifications.
 - **SECTION 4: PLAN OF ACTIONS AND MILESTONES (POA&M)**
 - TAB 4A - **POA&M:** Gantt chart that provides a breakdown of contractor work being accomplished in a sequence of events, and provides time requirements.
 - **SECTION 5: SHIP INSTALLATION DRAWINGS (SIDS) OR INSTALL PROCEDURES.**
 - TAB 5A - **SHIP CHANGE AND ALTERATION DRAWINGS:** For legacy alterations and SHIPALTS include a set of drawings (i.e. SHIPALT Installation Drawings, Ship Change Document, etc.) that reflects the latest drawing revision. If the size of drawing package is prohibitively large a list of drawing numbers is sufficient.
 - TAB 5B - **FIELD/ENGINEERING CHANGES AND INTERNAL EQUIPMENT MODIFICATIONS:** Include the Field/Engineering Change documentation and installation instructions provided by NAVSEA or the Participating Manager (PARM)/ISEA.
 - **SECTION 6: TEST AND INSPECTION (T&I) PLAN**
 - TAB 6A - **T&I Book:** Step-by-step outline for accomplishing the work. This ensures that all work is done safely, meets all technical specifications and provides all Objective Quality Elements (OQE) that work has satisfied all requirements. Include all of the Inspections, Verification and OSIC observation points (typically referred as I,V&G points) that demonstrate all

- process control procedures have been completed.
- **SECTION 7: TEST AND INSPECTION RECORDS**
 - TAB 7A - BLANK FORMS: Includes all forms that will be used to document the tests and inspection performed in Section 6 along with accept/reject criteria.
 - TAB 7B - MATERIAL SAFETY DATA SHEETS (MSDS): Required for all chemical and substances used in the performance of the task.
 - TAB 7C - ABATEMENT: Results of Hazardous Materials Testing and abatement for all areas where exposure could occur.
 - TAB 7D - INTERNAL QUALITY/SAFETY FORMS: Documented quality record. The AIT Manager will either retain or ensure AITs retain all completed records of this section after installation has been completed.
 - TAB 7E - EXTERNAL QUALITY/SAFETY FORMS: Documented quality record. The AIT Manager will either retain or ensure AITs retain all completed records of this section after installation has been completed.
- r. **CDRL A013**: Provide pre-SOVT quality control testing for all installed cables. A technically qualified individual, other than the assembler, shall perform a quality control check of all installed cables. The contractor shall maintain a Microsoft Excel compatible spreadsheet that is available for examination at the work site that clearly identifies for each cable end installed IAW the following:
1. Date testing was completed for each cable.
 2. The individual or individuals who terminated the cable.
 3. The cable number and cable end termination point location.
 4. The individual or individuals who inspected the completed work.
 5. Any defects that were found and not corrected (include the reason for not correcting the deficiency).
 6. Any test results (e.g., optical loss readings, successful Cat 6 cable tester check, etc.).
 7. Percentage of cable work completed.
 8. The report shall be provided weekly.
- s. **CDRL A015**: Post weekly Earned Value Management Reports to the Regional Installation Management Office (IMO) Database. The initial report shall be posted in the week following the first full month of task order award. A final report shall be due 10 days after task order completion.

Attachment 2
Quality Assurance Surveillance Plan Elements

Performance Requirements Summary (PRS) Enclosures

Individual Task Order Quality PRS Chart

Performance Aspect	Method of Surveillance	Performance Rating (Criteria for Incentive Award if applicable)
SOVT Functional Performance (Does not include workmanship) (Note: The Stage 1 and Stage 2 Inspections, Tests, and Checks defined in the SPAWAR System Operational Verification Test (SOVT) Preparation and Execution Guide (SPEG) for Ship, Shore, and Submarine Installations are considered workmanship issues for the purposes of this chart.)	Unresolved discrepancies are collected during the SOVT and entered into the SPAWAR PEO Integrated Data Environment Repository (SPIDER).	<p>Outstanding: The functional tests are passed with no failures due to the contractor.</p> <p>Satisfactory: Performance is neither Outstanding nor UNSAT.</p> <p>UNSAT: Any extension of the SOVT schedule can be solely attributed to the contractor</p>
Workmanship Quality	Checklists will be developed by randomly selecting checklist line items from a Government database (of checklist line items) and conducting tests/inspections to determine if the contractor complies with the requirements stated (on the checklist line items).	<p>Outstanding: 92% or more of checklist line items show no non-compliance.</p> <p>Satisfactory: The percentage of checklist line items that show no non-compliance is at least 68% but is lower than 92%.</p> <p>UNSAT: The percentage of checklist line items that show no non-compliance is less than 68%.</p>
CORN Quality	IMO file contains no record of a request for amplifying information or IMO file contains a record of the request for amplifying information.	<p>Outstanding: Requirement for a satisfactory rating is met and contractor submits no CORNS requesting upward adjustment to Cost/Price based on a cost overrun (due to the contractor).</p> <p>Satisfactory: All but 1 CORN provided contains sufficient technical information and are clearly understandable to the Government, and information needed to clarify the one CORN is provided to the Government within 2 working days of request.</p> <p>UNSAT: The Government requires amplifying information for clarity that is not provided within 2 working days of request, or more than one CORN requires clarification.</p>

<p>Earned Value Management (EVM) Reporting Accuracy</p>	<p>Accuracy will be assessed by comparing weekly SITREPs and contractor daily/weekly reports and other external inputs.</p>	<p>Outstanding: EVM data provided is accurate and the “as-of” date of the report is within four business days of the date that the report is received by the Government.</p> <p>Satisfactory: EVM data provided is accurate and the “as-of” date of the report is no more than six business days earlier than the date that the report is received by the Government.</p> <p>UNSAT: EVM data provided is inaccurate or the “as-of” date of the report is more than six business days earlier than the date that the report is received by the Government.</p>
<p>Meeting Schedule for Completion of Production Work</p>	<p>Start and end dates will be provided for production period. Completion times will be rounded up to the next whole day. The production schedule can be extended by a period of performance extension and performance ratings will be awarded based on the extended schedule not the original schedule.</p>	<p>Outstanding: Work is completed in 97% or less of the production schedule time allotted in the delivery order. In other words, work is completed 3% early. (The time that it takes to complete will be rounded up to the next whole day when making this calculation.)</p> <p>Satisfactory: Work takes more than 97% of the production time allotted in the task order to complete and less than the smaller of: 103% of the production time allotted in the task order or 100% of the production time allotted in the task order plus five days.</p> <p>UNSAT: Work takes longer to complete than the smaller of : 103% of the production time allotted in the delivery order or 100% of the production time allotted in the delivery order plus five days.</p>

Meeting Schedule for Completion of All Work	Start and end dates will be provided for production & SOVT periods.	<p>Outstanding: Work is completed in 97% or less of the total schedule time allotted in the delivery order. In other words, work is completed 3% early. (The time that it takes to complete will be rounded up to the next whole day when making this calculation.)</p> <p>Satisfactory: Work takes more than 97% of the total schedule time allotted in the task order to complete and less than the smaller of: 103% of the total schedule time allotted in the task order or 100% of the total schedule time allotted in the task order plus five days.</p> <p>UNSAT: Work takes longer to complete than the smaller of : 103% of the total schedule time allotted in the delivery order or 100% of the total schedule time allotted in the delivery order plus five days</p>
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Quality Assurance Surveillance Plan Rating Chart

***Ratings from this chart should be used on QASP page of Task Order Completion Report**

Performance Aspect	Rating (Outstanding, Satisfactory or Unsatisfactory)
SOVT Functional Performance	
Workmanship Quality	
CORN Quality	
EVM Reporting Accuracy	
Meeting Schedule for Completion of Production Work	
Meeting Schedule for Completion of All Work	

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
1006	Destination	Government	Destination	Government
1008	Destination	Government	Destination	Government
100801	Destination	Government	Destination	Government

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
1006	POP 28-MAY-2015 TO 30-SEP-2016	N/A	N/A FOB: Destination	
1008	POP 28-MAY-2013 TO 30-SEP-2016	N/A	N/A FOB: Destination	
100801	POP 28-MAY-2015 TO 30-SEP-2016	N/A	N/A FOB: Destination	

Section G - Contract Administration Data

NWA

CLIN	NETWORK/ACTIVITY	Exp Date	Funded Amount
100801	400000000003/0025 AA	Indefinite	\$3,495,918.39

CRM TRACKING # 15-4029

PURCHASE REQUEST NUMBER: 1300498897**THIS TASK ORDER IS FULLY FUNDED****DELIVERY ORDER LIMITATIONS OF COST/FUNDS (DEC 1999)**

In accordance with the FAR Clause 52.232-20, "Limitation of Cost," or 52.232-22 "Limitation of Funds," the Government shall not be obligated to reimburse the Contractor for work performed, items delivered, or any costs incurred under orders issued under the resultant contract, except as authorized by the contracting officer.

The cost factors utilized in determining the estimated costs under any order placed hereunder shall be the applicable rates current at the time of issuance of the task or delivery order, not to exceed, however, any ceilings established by the terms of this contract.

If at any time 75% of either the estimated cost or estimated level of effort specified in the task or delivery order is reached and it appears that additional funds and/or level of effort is required to complete performance, the Contractor shall promptly notify the Ordering Officer in writing. Such notification shall include the cost and level of effort expended and that which will be required to complete performance. The Government shall have the right to modify the task or delivery order accordingly.

If the Contractor exceeds the estimated costs authorized by task or delivery order placed hereunder, the Government will be responsible only for reimbursement of the cost and payment of fee in an amount up to that established by the task or delivery order.

The total amount of all task or delivery orders issued shall not exceed the estimated costs and fixed fee or level of effort set forth in this contract.

(End of clause)

The contractor shall cite on each invoice/voucher, in addition to all other requirements of this contract/order, the contract line item number (CLIN); the contract subline item number (SLIN) and accounting classification reference number (ACRN) for the portion, or portions of work being billed as specified in the contract or delivery order. For each ACRN on the invoice/voucher, the contractor shall identify the amount being billed against that ACRN.

Invoices shall be submitted in accordance with Wide Area Work Flow as annotated by the basic contract.

The contractor will electronically submit his invoices using the Wide Area Workflow (WAWF) web site located at <https://wawf.eb.mil>.

The telephone number for assistance pertaining to Wide Area Work Flow is 800-559-9293.

ACCOUNTING AND APPROPRIATION DATA

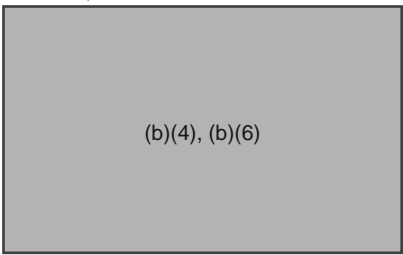


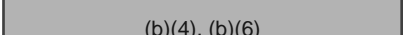
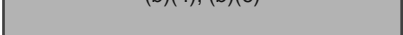



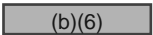
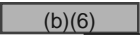
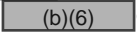
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AMOUNT: \$3,495,918.39
CIN 130049889700001: \$3,495,918.39

CLAUSES INCORPORATED BY REFERENCE

252.204-0006	Line Item Specific: Proration	SEP 2009
252.232-7006	Wide Area WorkFlow Payment Instructions	MAY 2013

Section H - Special Contract Requirements

DISTRO
DISTRIBUTION

<p>Contractor: AMSEC, LLC. 2829 Guardian Ln Virginia Beach, VA 23452-7326 Email:  Email:  Email:  Email:  Email:  Email:  Email:  Email: </p> <p>(b)(4), (b)(6)</p> <p>(Electronic Copies)</p>	
<p>Paying Office: DFAS-Columbus Center South Entitlement Division PO Box 182264 Columbus, OH 43218-2264</p> <p>(Electronic Copy)</p>	<p>Administration Office: DCMA Manassas 10500 Battleview Parkway Suite 200 Manassas, VA 20109-2342</p> <p>(Electronic Copy)</p>
<p>DCAA Hampton Road Branch 5200 West Mercury Blvd. Suite 291 Hampton, VA 23605</p> <p>(Electronic Copy)</p>	<p>CRM:  Email: ssclant_42_cs.fcm@navy.mil</p> <p>(Electronic Copy)</p>
<p>COR:  Email: @navy.mil</p> <p>(Electronic Copy)</p>	